

REMARKS

The Office Action of 11/17/2007 has been carefully considered. Reconsideration in view of the foregoing amendments and the present remarks is respectfully requested.

Claims 1-3, 5 and 6 were rejected as being anticipated by Raynaud in view of Kiyohiro. Claim 4 was rejected as being unpatentable over the same base combination further in view of Kovacs. Claim 6 has been canceled. The claims have been amended to more clearly distinguish over the cited references. Reconsideration is respectfully requested.

In particular, claim 1 has been amended to recite a tuner comprising a regulation system and a demodulator, the regulation system comprising a comparator for forming a difference signal between the output signal produced by the conversion circuitry and the reference signal, and means for directly controlling the amplitude level of the amplified signal using the difference signal. No such combination of features is taught or suggested by the cited combination, in particular Raynaud.

Rather, in Raynaud, the difference signal produced by the comparator 16 is further processed in a complicated processing chain including control means 17, DAC 19, filter 20, and voltage converter 21, at which point the resulting signal is used to control the *bias* of the amplifier 10. Control of the amplifier bias does not directly control the amplitude level of the amplified signal as in the present invention.

Kiyohiro teaches a cellphone transmitter that includes an automatic gain control system. For burst operation, a reference signal used in automatic gain control is caused to follow an envelope of the burst signal, thereby avoiding spurious emissions. As stated in the Office Action, in Kiyohiro, the comparison output is used to directly control the

amplitude level of the amplified signal. However, it does not follow that this would also hold true in the proposed combination of Raynaud and Kiyohiro. To combine the references in such a way that this would be true would be to so alter the primary reference, Raynaud, as to destroy the reference and vitiate its intent. Again, in Raynaud, the difference signal produced by the comparator 16 is further processed in a complicated processing chain including control means 17, DAC 19, filter 20, and voltage converter 21, at which point the resulting signal is used to control the *bias* of the amplifier 10. To bypass or remove this circuitry of Raynaud in order to achieve the direct control of Kiyohiro would trample on Raynaud. Such a modification would not have been obvious to one of ordinary skill in the art.

Withdrawal of the rejections and allowance of claims 1-5 is respectfully requested.

Respectfully submitted,



Michael J. Ure, Reg. 33,089

Dated: 3/17/2008